Name: Ashraf Ghorab

Current Title: Full professor, Mechan Mechanical Power Dept., Faculty of Eng., Ain Shams University.

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FIELDS OF SPECIALIZATION

Renewable energy, Turbomachines, Fluid Mechanics, Wind Energy

DEGREES

- Ph.D., Degree in Mechanical Engineering, Reading University, UK, 1993,
- M.Sc., Degree in Mechanical Power Engineering, Faculty of Engineering, Ain Shams University, 1990
- B.Sc., Degree in Mechanical Power Engineering, Faculty of Engineering, Ain Shams University, 1987

ACADEMIC AND INDUSTRIAL POSITIONS

Start date 2018 till now, full professor, Faculty of Engineering, Ain Shams University

Responsibilities:

Academic teaching Practical consulting Practical training

Start date 2002 till 2018, Electromechanical inspector, Moody International

Responsibilities:

- Equipment inspector
- Equipment and document reviewer
- Electromechanical consultant

Start date 2005 till 2007, Engineering manager, AAW, Cairo

Responsibilities:

• Designing, operating and maintaining equipment to several clients



- Leading team of experts and supervisors
- Performing statistical analysis and feasibility studies

RESEARCH PROJECTS

• Year(s) of project, synopsis of thesis or abstract, was it published and if so, where? CONSULTANT

- Head of the mechanical Engineering consultancy unit from 2015-1017

- Managing partner at Engineering Planet 2009-2020
- Member of the Mechanical Engineering department council 1990 till now
- Senior consultant at Moody International till 2015
- Head of the development sector at Montasser group for 4 years 1995 till 1999

AWARDS

• Who Is Who Magazine in 2002

PATENTS, PUBLICATIONS

25 Research papers in the following field

- Wind Energy
- Wind pumping
- Turbomachines including pumps and compressors
- Pipe lines and associated works
- Jet propulsion
- Solar thermal storage
- Recuperators and heat exchangers